



1FW 2822  
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James M. Derderian

**Serial No.:** 09/939,258

**Filed:** August 24, 2001

**For:** SEMICONDUCTOR DEVICES  
INCLUDING STACKING SPACERS  
THEREON, ASSEMBLIES INCLUDING  
THE SEMICONDUCTOR DEVICES, AND  
METHODS

**Confirmation No.:** 2185

**Examiner:** D. Graybill

**Group Art Unit:** 2822

**Attorney Docket No.:** 2269-4831US  
(01-0105.00/US)

### CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 24, 2007  
Date

  
Signature

Erika Gandre  
Name (Type/Print)

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08A be considered by the Examiner and made of record. Copies of U.S. patents are not being submitted pursuant to M.P.E.P. 609 III A(2). The listed documents were cited by the Office in co-pending application Serial No. 10/834,651, filed on April 29, 2004, and directed to a related invention.

05/30/2007 MHOLDE1 00000030 09939258

01 FC:1806

180.00 OP

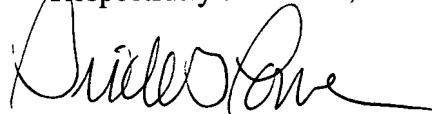
In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

The fee pursuant to 37 C.F.R. § 1.17(p) is enclosed.

Respectfully submitted,



Brick G. Power  
Registration No. 38,581  
Attorney for Applicant  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: May 24, 2007  
BGP/djp:eg

Enclosures: Form PTO/SB/08  
Check No. 11230 in the amount of \$180.00

Document in ProLaw



Substitute for Form PTO-144-A/US

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of 3

*Complete if Known*

Application Number	09/939,258
Filing Date	August 24, 2001
First Named Inventor	James M. Derderian
Group Art Unit	2822
Examiner Name	David A. Graybill

Attorney Docket Number 2269-4831US (01-0105.00/US)

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,764,804	08/1988	Sahara et al.	
		4,897,708	01/1990	Clements	
		5,154,341	10/1992	Melton et al.	
		5,269,453	12/1993	Melton et al.	
		5,323,084	06/1994	Haitz	
		5,399,898	03/1995	Rostoker	
		5,400,950	03/1995	Myers et al.	
		5,476,211	12/1995	Khandros	
		5,518,964	05/1996	DiStefano et al.	
		5,659,952	08/1997	Kovac et al.	
		5,726,492	03/1998	Suzuki et al.	
		5,763,939	06/1998	Yamashita	
		5,763,941	06/1998	Fjelstad	
		5,772,451	06/1998	Dozier et al.	
		5,813,115	09/1998	Misawa et al.	
		5,820,014	10/1998	Dozier et al.	
		5,832,601	11/1998	Eldridge et al.	
		5,852,871	12/1998	Khandros	
		5,864,946	02/1999	Eldridge et al.	
		5,884,398	03/1999	Eldridge et al.	
		5,953,814	09/1999	Sozansky et al.	
		5,976,913	11/1999	DiStefano	
		5,998,228	12/1999	Eldridge et al.	
		6,032,356	03/2000	Eldridge et al.	
		6,049,976	04/2000	Khandros	
		6,054,337	04/2000	Solberg	
		6,063,648	05/2000	Beroz et al.	
		6,107,682	08/2000	Fjelstad	
		6,133,072	10/2000	Fjelstad	
		6,147,401	11/2000	Solberg	
		6,160,526	12/2000	Hirai et al.	
		6,166,476	12/2000	Nakashima et al.	
		6,168,974	01/2001	Chang et al.	
		6,175,157	01/2001	Morifugi	
		6,183,267	02/2001	Marcus et al.	
		6,208,024	03/2001	DiStefano	
		6,215,670	04/2001	Khandros	
		6,232,668	05/2001	Hikita et al.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

*Complete if Known*

Application Number	09/939,258
Filing Date	August 24, 2001
First Named Inventor	James M. Derderian
Group Art Unit	2822
Examiner Name	David A. Graybill

Attorney Docket Number 2269-4831US (01-0105.00/US)

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,242,803	06/2001	Khandros et al.	
		6,246,247	06/2001	Eldridge et al.	
		6,252,175	06/2001	Khandros	
		6,274,823	08/2001	Khandros et al.	
		6,279,227	08/2001	Khandros et al.	
		6,294,040	09/2001	Raab et al.	
		6,297,063	10/2001	Brown et al.	
		6,297,547	10/2001	Akram	
		6,313,528	11/2001	Solberg	
		6,333,562	12/2001	Lin	
		6,340,822	01/2002	Brown et al.	
		6,336,269	01/2002	Eldridge et al.	
		6,362,520	03/2002	DiStefano	
		6,392,292	05/2002	Morishita	
		6,400,007	06/2002	Wu et al.	
		6,429,509	08/2002	Hsuan	
		6,441,496	08/2002	Chen et al.	
		6,452,259	09/2002	Akiyama	
		6,462,420	10/2002	Hikita et al.	
		6,476,333	11/2002	Khandros et al.	
		6,476,503	11/2002	Imamura et al.	
		6,484,395	11/2002	Marcus et al.	
		6,486,547	11/2002	Smith et al.	
		6,483,190	11/2002	Kainuma et al.	
		6,483,328	11/2002	Eldridge et al.	
		6,495,462	12/2002	Haba et al.	
		6,504,223	01/2003	Zhou et al.	
		6,518,664	02/2003	Miyamoto	
		6,531,784	03/2003	Shim et al.	
		6,528,889	03/2003	Matsuhiro et al.	
		6,602,733	08/2003	Iwahashi et al.	
		6,724,084	04/2004	Hikita et al.	
		6,727,579	04/2004	Eldridge et al.	
		6,778,406	08/2004	Eldridge et al.	
		6,809,421	10/2004	Hayasaka et al.	

Examiner Signature

Date Considered

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of 3

***Complete if Known***

Application Number 09/939,258

**Filing Date** August 24, 2001

First Named Inventor **James M. Derderian**

Group Art Unit 2822

Examiner Name David A. Graybill

Attorney Docket Number 2269-4831US (01-0105.00/US)

## **U.S. PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.